

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Kanenari Kusanagi</td> <td>12/27/2011</td> </tr> </tbody> </table>		Name	Execution Date	Kanenari Kusanagi	12/27/2011				
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RECEIVING PARTY DATA									
<table border="1"> <tr> <td>Name:</td> <td>Mitsumi Electric Co., Ltd.</td> </tr> <tr> <td>Street Address:</td> <td>2-11-2, Tsurumaki, Tama-shi</td> </tr> <tr> <td>City:</td> <td>Tokyo</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> </table>		Name:	Mitsumi Electric Co., Ltd.	Street Address:	2-11-2, Tsurumaki, Tama-shi	City:	Tokyo	State/Country:	JAPAN
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PROPERTY NUMBERS Total: 1									
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CORRESPONDENCE DATA									
<p>Fax Number: (703)787-7557 Phone: 703-787-9400 Email: linda@wcc-ip.com <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: WHITHAM, CURTIS & CHRISTOFFERSON & COOK, Address Line 1: 11491 SUNSET HILLS ROAD Address Line 2: SUITE 340 Address Line 4: RESTON, VIRGINIA 20190</p>									
ATTORNEY DOCKET NUMBER:	02410472US								
NAME OF SUBMITTER:	Michael E. Whitham								
<p>Total Attachments: 2 source=02410472US_Assignment#page1.tif source=02410472US_Assignment#page2.tif</p>									

CH \$40.00 13382622

PATENT OR DESIGN: SOLE OR JOINT
(U.S. and Foreign Rights)

**ASSIGNMENT OF UNFILED APPLICATION
FOR UNITED STATES PATENT**

WHEREAS:

Kanenari KUSANAGI
of c/o MITSUMI ELECTRIC CO., LTD.,
2-11-2, Tsurumaki, Tama-shi, Tokyo, Japan

NAME AND ADDRESS
OF ASSIGNOR:

(Hereinafter referred to as ASSIGNOR), have invented and
own a certain invention entitled:

ANTENNA DEVICE

TITLE OF INVENTION:

(hereinafter referred to as INVENTION) for which application
for Letters Patent of the United States has been executed on
even date herewith,

WHEREAS:

FULL NAME AND ADDRESS
OF ASSIGNEE:

MITSUMI ELECTRIC CO., LTD.,
2-11-2, Tsurumaki, Tama-shi, Tokyo, Japan

(hereinafter referred to as ASSIGNEE), is desirous of acquiring
the entire interest in, to and under said invention and in, to and
under Letters Patent or similar legal protection to be obtained
therefore in the United States and in any and all foreign
countries.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be
it known that good and valuable consideration from
ASSIGNEE to ASSIGNOR, the receipt of which is hereby
acknowledged, ASSIGNOR hereby sells, assigns and transfers
to ASSIGNEE the full and exclusive right, title and interest to
said invention and all Letters Patent of the United States to be
obtained therefor on said application or any continuation,
division, renewal, substitute or reissue thereof for the full term
or terms for which the same may be granted.

ASSIGNOR hereby covenants that no assignment, sale,
agreement or encumbrance has been or will be made or entered
into which would conflict with this assignment and sale;
ASSIGNOR further covenants that ASSIGNEE will, upon its
request, be provided promptly with all pertinent facts and
documents relating to said application, said invention and said

PATENT

REEL: 027492 FRAME: 0076

Letters Patent as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce said application, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes hereof.

ASSIGNOR further agree to sign and execute all necessary and lawful future documents, including applications for foreign patents, for filing divisions, continuations and continuations-in-part of said application for patent and/or for obtaining any reissue or reissues of any Letters Patent which may be granted for the aforesaid INVENTION as the ASSIGNEE or its designee(s) may from time to time require and prepare at its own expense.

ASSIGNOR hereby authorize and request the Commissioner of Patents and Trademarks to issue any United States Letters Patent which may issue on said INVENTION to said ASSIGNEE, as assignee of the whole right, title and interest thereto.

DATE OF SIGNING:

IN WITNESS WHEREOF, I/We have hereunto set hand and seal this 27th day of December, 2011.

Warning: This must be the same as the date of signing of the declaration and power of attorney of the patent or design application.

SIGNATURE(S):

The signature(s) must correspond with the name(s) of the inventor(s) above. Type name(s) of inventor(s) under signature line(s).

Kanenari Kusanagi

(Signature) Kanenari KUSANAGI

(Signature)

WITNESS:

Instructions for assignment signing:

All information, names of inventor(s) and assignee, title of invention and particulars of application should be completed. No witnessing or legalization is necessary. However, if this assignment is legalized, then it will be *prime facie* evidence of the execution of the assignment.

PATENT